










TREATMENT PROTOCOL: ALLERGIC REACTION / ANAPHYLAXIS

1. Simple hives do not require field treatment
2. Basic airway
3. Pulse oximetry
4. Oxygen prn
5. Cardiac monitor: document rhythm and attach ECG strip if dysrhythmia identified
6. Advanced airway prn
7. Venous access prn

ADEQUATE PERFUSION	POOR PERFUSION
<p>8. Epinephrine ①② 0.5mg (1mg/mL) IM  Pediatrics: See Color Code Drug Doses/L.A. LA County Kids ③ 0.01mg/kg (1mg/mL) IM, maximum single dose 0.5mg</p> <p>9. If wheezing, Albuterol 5mg via hand-held nebulizer  Pediatrics: Less than 1 year of age, 2.5mg via hand-held nebulizer 1 year and older, 5mg via hand-held nebulizer</p> <p>10. ESTABLISH BASE CONTACT (ALL)</p> <p>11. If symptoms persist: Epinephrine 0.5mg (1mg/mL) IM May repeat every 20min two times for a total of 3 doses  Pediatrics: See Color Code Drug Doses/L.A. LA County Kids 0.01mg/kg (1:1,000) IM, maximum single dose 0.5mg ③ Albuterol 5mg vial hand-held nebulizer May repeat prn  Pediatrics: Less than 1 year of age, 2.5mg via hand-held nebulizer 1 year and older, 5mg via hand-held nebulizer Diphenhydramine 50mg slow IV push If unable to obtain venous access, 50mg deep IM May repeat in 15min one time, total maximum dose 100mg  Pediatrics: See Color Code Drug Doses/L.A. LA County Kids 1mg/kg slow IV/IM ③</p> <p>12. Reassess for potential deterioration</p>	<p>8. Epinephrine ① ② 0.5mg (1mg/mL) IM  Pediatrics: See Color Code Drug Doses/L.A. LA County Kids ③ 0.01mg/kg (1mg/mL) IM, maximum single dose 0.5mg</p> <p>9. If hypotensive, Normal Saline fluid challenge Adult: 10ml/kg IV at 250ml increments Use caution if rales present  Pediatric: 20ml/kg IV</p> <p>10. ESTABLISH BASE CONTACT (ALL)</p> <p>11. If symptoms persist: Epinephrine 0.1mg (0.1mg/mL) slow IV push May repeat every 3min If unable to obtain venous access, 0.5mg (1mg/mL) IM May repeat every 20min two times  Pediatrics: See Color Code Drug Doses/L.A. LA County Kids ③ 0.01mg/kg (0.1mg/mL) slow IV push, maximum single dose 0.1mg If unable to obtain venous access, 0.01mg/kg (1mg/mL) IM, maximum single dose 0.5mg</p> <p>12. If fluid challenge unsuccessful: Dopamine (if available and for adult administration only) 400mg/500ml NS IVPB Start at 30mcgts/min titrate to SBP 90-100mmHg and signs of adequate perfusion or to a maximum of 120mcgts/min</p> <p>13. If wheezing: Albuterol 5mg vial hand-held nebulizer May repeat prn  Pediatrics: Less than 1 year of age, 2.5mg via hand-held nebulizer 1 year and older, 5mg via hand-held nebulizer</p>

SPECIAL CONSIDERATIONS

- ❶ Monitor vital signs frequently after administration
- ❷ Epinephrine is the drug of choice for allergic reactions with any respiratory or perfusion component and should be given IM into large muscle group (thigh or gluteus).
- ❸ If the child is longer than the pediatric length-based resuscitation tape (e.g., Broselow™) and adult size, move to the Adult protocol and Adult dosing.